

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

65944 Service: DTV Call **WMPB** Channel: 22 (UHF) Facility Sign:

ID:

File 0000027906

Number:

FRN: 0003857380 Date 06/29

> Submitted: /2020

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MARYLAND PUBLIC BROADCASTING COMMISSION Doing Business As: MARYLAND PUBLIC TELEVISION	Larry D. Unger, President & CEO 11767 OWINGS MILLS BOULEVARD OWINGS MILLS, MD 21117 United States	+1 (410) 356- 5600	lunger@mpt. org	Government Entity

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Samuel Hariton Widelity Inc.	Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widelity.com

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Current transmission system consists of a transmitter feeding a transmission line which connects to an antenna on the tower. Work includes connecting new repack channel main/aux transmitters to current broadband line and antenna.

Transmitters

S Section	Question	Response
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Used in case of failure of the main
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	TDU2- 5K00LV
	Year	2003
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5.0 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	MPTV-PRLX- U4
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi- station agreement provided to the FCC to accommodate moving WETA to channel 31.

Auxiliary Transmitter

Other Transmitter Costs

Section	Question	Response
Section	Question	Response

Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Remote Control Interface	License required to interface transmitter into current remote control system
Bag Filter	Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.
Motorized Switch	Switches which transmitter will feed the mask filter. This is not an upgrade as station uses a motorized switch. Current switch can't be utilized and have station remain on-air.
Rigid Coax Line	Rigid interconnection coax lines from transmitter to filter to antenna switch.
Coolant	The coolant used for the transmitter heat exchanger is not included in the transmitter price

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	TDU2- 5K00LV
	Year	2003
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5.0 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	MPTV-PRLX- U4
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi- station agreement provided to the FCC to accommodate moving WETA to channel 31.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical contractor to connect transmitter into existin electrical panel and wire heat exchanger into transmitter Includes material and labor.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Coolant	The coolant used for the transmitter heat exchanger is not included in the transmitter price
Remote Control Interface	License required to interface transmitter into current remote control system
Site Design and Survey	Incorporates all aspects of the transmitter room design, including power distribution requirements, equipment placement, RF system layout, plumbing, and remote control.
Rigid Coax Line	Rigid interconnection coax lines from transmitter to filter to antenna switch.
Bag Filter	Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.
Motorized Switch	Electric actuated switch to switch main /auxiliary transmitters into antenna. Current transmitter has this capability but switch cannot be moved as it is in pre-repack service.
Primary Transmitter Installation	Primary transmitter install and materials
12-Pole Mask Filter	Sharp tuned mask filter to further protect adjacent channel Class A WMJF-CD, Ch. 23 and WMPT, Ch 21. Part of a multi-party resolution provided to the FCC to accommodate moving WETA to channel 31.

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	No

Transmission	n Sertien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmiss

Existing Transmission Line

ransmissio	n Section	Question	Response
	Existing Transmission Line Description	Type of change	Utilize Existing
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
	Existing Transmission Line Manufacturer and Type	Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
		Manufacturer	Dielectric
		Туре	Rigid
		Diameter	Other
		Other Diameter	7 inches
		Segment Length	Broadband
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1000 feet per run

Primary

Other Transmission Line Expenses Not Listed

Transmission	Name	Description	
	Primary Transmission Line - Tune Elbows	Primary Transmission Line - Tune Elbows	

Tower
Equipment
And
Rigging
Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	200
	Explanation	Applicant has limited internal resources to oversee installing and commissioning this repack project. It will rely on outside services to manage all work required.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A

	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	1

Justification	Electrical
	sweep to
	evaluate
	suitability of
	antenna and
	line on repack
	channel. 6400
	Sweep and
	tower climber
	to optimize Ant
	/line for repack
	channel. 6400
	plus 3000.

Outside Professional

Other Professional Services Expenses Not Listed

I Services Costs	Description
Progress Reporting	Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Expenses Information not provided.

Cost Information

Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter MPTV- PRLX-U4	\$428,007.78	\$414,507.78		\$207,528.78	
Coolant	\$1,000.00	\$1,000.00	The coolant used for the transmitter heat exchanger is not included in the transmitter price	\$0.00	N/A
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	\$14,200.00	\$14,200.00	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. See attached electrical quote	\$0.00	N/A

12-Pole Mask Filter	\$91,463.00	\$91,463.00	Sharp tuned mask filter to further protect adjacent channel Class A WMJF-CD, Ch. 23 and WMPT, Ch 21. Part of a multiparty resolution provided to the FCC to accommodate moving WETA to channel 31.	\$45,731.50	N/A
Primary Transmitter Installation	\$281.68	\$281.68	WMPB Blue Mountain Delivery Invoice #20813 Budget Revision Justification Letter	\$281.68	N/A
Motorized Switch	\$18,110.00	\$18,110.00	Electric actuated switch to switch main /auxiliary transmitters into antenna. Current transmitter has this capability but switch cannot be moved as it is in pre-repack service.	\$9,055.00	N/A

Bag Filter	\$6,975.00	\$6,975.00	Bag type water filtration for heat exchanger system. Current pre- repack cooling system has this filtering.	\$3,487.50	N/A
Rigid Coax Line	\$2,600.00	\$2,600.00	Rigid interconnection coax lines from transmitter to filter to antenna switch.	\$1,300.00	N/A
Site Design and Survey	\$17,673.10	\$17,673.10	see Estimated Cost Justification WMPB-110- 1st Primary Transmitter - Transmitter Site Survey and Design v0	\$17,673.10	N/A
Remote Control Interface	\$2,205.00	\$2,205.00	License required to interface transmitter into current remote control system	\$0.00	N/A

UHF -	\$273,500.00	\$260,000.00	Current	\$130,000.00	N/A
Liquid			transmitter is		
Cooled			not supported		
Solid State			for a channel		
Transmitter			change. See		
4.9 . 6.5			attached		
kW			Transmitter		
			Replace		
			justification		
			letter from		
			manufacturer.		
			An increase of		
			power is part a		
			multi-station		
			agreement		
			provided to the		
			FCC to		
			accommodate		
			moving WETA		
			to channel 31.		
Auxiliary Transmitter MPTV- PRLX-U4	\$316,905.00	\$272,255.00		\$127,425.00	
Coolant	\$1,000.00	\$1,000.00	The coolant	\$0.00	N/A
			used for the		
			transmitter		
			heat		
			exchanger is		
			not included in		
			the transmitter		
			price		

Other	\$14,200.00	\$14,200.00	Electrical	\$0.00	N/A
Electrical			contractor to		
Service:			connect		
Electrical			transmitter into		
contractor			existing		
to connect			electrical panel		
transmitter			and wire heat		
into			exchanger into		
existing			transmitter.		
electrical			Includes		
panel and			material and		
wire heat			labor. See		
exchanger			attached		
into			electrical quote		
transmitter.			•		
Includes					
material					
and labor.					
UHF -	\$273,500.00	\$228,850.00	Current	\$122,637.50	N/A
Liquid			transmitter is		
Cooled			not supported		
Solid State			for a channel		
Transmitter			change. See		
4.9 . 6.5			attached		
kW			Transmitter		
			Replace		
			justification		
			letter from		
			manufacturer.		
			An increase of		
			power is part a		
			multi-station		
			agreement		
			provided to the		
			FCC to		
			accommodate		
			moving WETA		
			to channel 31.		
		\$2,205.00	License	\$0.00	N/A
Remote	\$2,205.00	, , , , , , , , , , , , , , , , , , , ,			
Control	\$2,205.00	,	required to		
	\$2,205.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	interface		
Control	\$2,205.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	interface transmitter into		
Control	\$2,205.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	interface		

Motorized Switch	\$16,425.00	\$16,425.00	Switches which transmitter will feed the mask filter. This is not an upgrade as station uses a motorized switch. Current switch can't be utilized and have station remain on-air.	\$0.00	N/A
Rigid Coax Line	\$2,600.00	\$2,600.00	Rigid interconnection coax lines from transmitter to filter to antenna switch.	\$1,300.00	N/A
Sub-total	\$744,912.78	\$686,762.78	N/A	\$334,953.78	N/A
Total for all systems	\$905,192.78	\$840,582.78	N/A	\$365,502.33	N/A

Components

Actual Information Description	File Name	
Coolant	Information not provided.	
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	Information not provided.	
12-Pole Mask Filter	Component Description	12 polo docign
	Component Description:	12 pole design. Item 2.5 on quote
		50% deposit
	Amount:	\$45,731.50

Primary Transmitter		
Installation	Component Description:	5 Gallons
		DISTILLED-
		please note the
		current price
	Amount:	\$281.68
Motorized Switch		
	Component Description:	Motorized switch
		for main. 50%
		deposit. line 2.6
	Amount:	\$9,055.00
Bag Filter		
	Component Description:	bag filter for Main
		xmtr. 50 %
		deposit upon
		ordering. line 2.3
	Amount:	\$3,487.50
Rigid Coax Line		
	Component Description:	20' coax sections
		primary line 2.4 on
		main 50 % deposit
	Amount:	\$1,300.00
Site Design and Survey		
	Component Description:	SYS-DES-SS-
		PARLX-UL
	Amount:	\$15,300.00
	Component Description	Sweep of antenna
	Component Description:	system WMPB
		Baltimore
	Amount:	\$2,373.10
		4- ,

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5	0	500/ 1
kW	Component Description:	50% deposit for Lines 1,2 and 3 on invoice, 11447.
		System
		components with
		installation and
		check out & proof
	Amount:	\$130,000.00
Coolant	Information not provided.	
Bag Filter		
	Component Description:	line 2.3 on quote
		for auxiliary unit bag filter 50%
		deposit
	Amount:	\$3,487.50
Other Electrical Service:	Information not provided.	
Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes		
material and labor.		
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5		
kW	Component Description:	lines 1-1.17 on quote. for auxiliary
		unit. 50% deposit
	Amount:	\$114,425.00
	Company of Description	Motorized Cwitch
	Component Description:	Motorized Switch line2.5 on quote.
		50% deposit
	Amount:	\$8,212.50
Remote Control Interface	Information not provided.	

Component Description:	20' coax section
	for auxiliary line
	2.4 on quote 50%
	deposit
Amount:	\$1,300.00

Cost Antennas

Information Information not provided.

Cost Information

Transmission Line

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$450.00	\$450.00		\$0.00	
Primary Transmission Line - Tune Elbows	\$450.00	\$450.00	Please see WMPB Transmission Line - Tune Elbows Budget Justification Cover Letter	N/A	N/A
Sub-total	\$450.00	\$450.00	N/A	\$0.00	N/A
Total for all systems	\$905,192.78	\$840,582.78	N/A	\$365,502.33	N/A

Components

Information not provided.

Tower Equipment and Rigging Costs

Cost Information

Information Information not provided.

Cost Information

Outside Professional Services

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$108,960.00	\$107,050.00		\$21,388.55	
Progress Reporting	\$35,000.00	\$35,000.00	Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.	\$551.75	N/A
Additional Field Engineering Service, 1 Days	\$15,800.00	\$15,800.00	Electrical sweep to evaluate suitability of antenna and line on repack channel. \$6400 Sweep and tower climber to optimize Ant /line for repack channel. \$6400 plus \$3000.	\$3,000.00	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$5,000.00	Fees related to multi-party resolution agreement with Maryland Public TV, WETA and HME Equity Fund II, LLC. Involved several stations moving channels to accommodate WETA moving from ch 14 to 31.	\$168.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$168.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$285.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application \$3,155.00 \$3,000.00 N/A \$0.00 N/A Prepare and or review reimbursement form \$2,630.00 \$2,500.00 N/A \$0.00 N/A Project management of the transition \$31,600.00 \$30,000.00 N/A \$17,215.30 N/A Sub-total \$108,960.00 \$107,050.00 N/A \$21,388.55 N/A Total for all systems \$905,192.78 \$840,582.78 N/A \$365,502.33 N/A						
or review reimbursement form Project \$31,600.00 \$30,000.00 N/A \$17,215.30 N/A management of the transition Sub-total \$108,960.00 \$107,050.00 N/A \$21,388.55 N/A Total for all \$905,192.78 \$840,582.78 N/A \$365,502.33 N/A	engineering section of FCC Form 2100 (main), Construction Permit	\$3,155.00	\$3,000.00	N/A	\$0.00	N/A
management of the transition Sub-total \$108,960.00 \$107,050.00 N/A \$21,388.55 N/A Total for all \$905,192.78 \$840,582.78 N/A \$365,502.33 N/A	or review reimbursement	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
Total for all \$905,192.78 \$840,582.78 N/A \$365,502.33 N/A	management	\$31,600.00	\$30,000.00	N/A	\$17,215.30	N/A
	Sub-total	\$108,960.00	\$107,050.00	N/A	\$21,388.55	N/A
		\$905,192.78	\$840,582.78	N/A	\$365,502.33	N/A

Components

Actual Information	
Description	File Name

Progress Reporting		
	Component Description:	Legal Fees
		associated with
		Progress Reporting for Repacking
		Project
	Amount:	\$31.50
	Amount.	ψ31.30
	Component Description:	Legal fees
		associated with the
		repacking project
	Amount:	\$104.50
	Component Description:	Legal fees
	,	associated with the
		repacking project
	Amount:	\$79.50
	Company and Decorring in the	Duo susoo Don outino
	Component Description:	Progress Reporting
		for Repacking Project for WMPB
	Amount:	\$142.50
	Component Description:	Additional items for
		other locations and other MPT issues.
	Amount:	\$89.25
	Component Description:	Legal fees
		associated with the
	A	Repacking Project
	Amount:	\$104.50
dditional Field ngineering Service, 1		
ays	Component Description:	sweep of existing
		antenna system at
		WMPB
	Amount:	\$3,000.00

Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description: Amount:	Professional Services \$42.50
	Component Description:	reimbursement for just the owings mill location WMPB.
	Amount:	\$126.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Legal fees associated with the repacking project \$168.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Legal fees for filing form 399/2100 Page 7 of invoice \$285.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Project management of the transition	Component Description: Amount:	Project Management \$2,162.85

Component Description: Project

Management

Amount:

\$1,892.40

Component Description:

Project Management

Amount:

\$1,388.00

Component Description:

Project

Amount:

Amount:

Amount:

Management \$146.10

Component Description:

Project

Management

\$66.20

Component Description:

Project

Management \$2,416.60

Component Description:

Project

Amount:

Management

\$763.05

Component Description:

Project

Amount:

Management

\$162.90

Component Description:

Project Management

Amount:

\$2,280.15

Component Description:

Project Management

Amount:

\$2,704.60

Component Description: Project

Management

Amount: \$1,765.90

Component Description: Project

Management

Amount: \$1,466.55

Cost Information

Other Expenses

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$50,870.00	\$46,320.00		\$9,160.00	
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	Notification will need to be made to MVPD's as required. Applicant to explore using an outside firm to determine which facilities will need to be notified and send the appropriate notification letters.	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$7,000.00	N/A	\$0.00	N/A
Equipment Delivery and Handling Charges	\$18,320.00	\$18,320.00	Transmitter shipping and offloading. See transmitter quote options.	\$9,160.00	N/A

\$20,000.00	\$20,000.00	Applicant will be	\$0.00	N/A
		required to		
		dispose of		
		the current		
		transmission		
		line and		
		transmitter		
		and heavy		
		oil filled high		
		voltage		
		power		
		supplies.		
		These		
		cannot be		
		disposed of		
		in a typical		
		landfill.		
\$50,870.00	\$46,320.00	N/A	\$9,160.00	N/A
\$905,192.78	\$840,582.78	N/A	\$365,502.33	N/A
	\$50,870.00	\$50,870.00 \$46,320.00	will be required to dispose of the current transmission line and transmitter and heavy oil filled high voltage power supplies. These cannot be disposed of in a typical landfill. \$50,870.00 \$46,320.00 N/A	will be required to dispose of the current transmission line and transmitter and heavy oil filled high voltage power supplies. These cannot be disposed of in a typical landfill.

Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
DTV Medical Facility Notification	Information not provided.

Equipment Delivery and		
Handling Charges	Component Description:	Transmitter system
		transportation.
		50% deposit
	Amount:	\$2,330.00
	Component Description:	line 2.1 auxiliary
		transmitter system
		transporation 50 %
		deposit
	Amount:	\$2,330.00
	Component Description:	Offloading 50%
		deposit
	Amount:	\$2,250.00
	Component Description:	line 2.2 on auxiliary
		offloading 50%
		deposit
	Amount:	\$2,250.00
Disposal Costs (for equipment and other waste,	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$905,192.78	\$840,582.78	\$365,502.33

Reimbursem	enrestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Carl R Wolfe
Director,
Transmission
and
Distribution

06/29/2020

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
 Person signing
 below certifies and
 represents that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- **5.** The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Carl R Wolfe
Director,
Transmission
and
Distribution

06/29/2020

Attachments